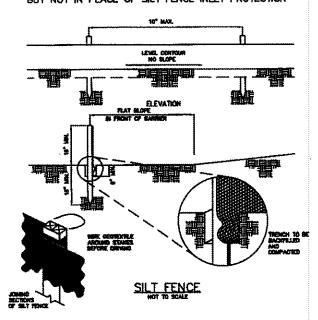
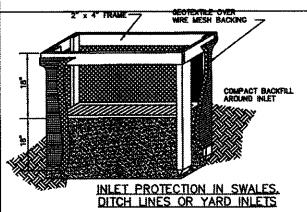
STRAW BALES MAY BE USED IN CONJUNCTION WITH BUT NOT IN PLACE OF SILT FENCE INLET PROTECTION



FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LBS (335 N)	ASTM D 46.22
	50 X	
	50 LBS (220 N)	
	40 LBS. (160 N)	
	6 0.84 MM	
	1X10-2 SEC-1	
UV EXPOSURE STRENGTH RETENTION	70 %	ASTM G 4355



1. INLET PROTECTION SMALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTRIBANCE BEGINS ON BEFORE THE INLET BECOMES FUNCTIONAL.

2. THE EARTH AROUND THE BREAT SHALL BE EXCANATED COMPLETELY TO A DEPTH AT LEAST 18 BICHES.

3. THE MODOEN FRAME SHALL BE CONSTRUCTED OF 2-BICH BY 4-BICH CONSTRUCTION GRADE LUMBER. THE 2-BICH BY 4-BICH POSTS SHALL BE DRIVEN ONE (1) FT. INTO THE GROUND AT FOR CORNERS OF THE MILET AND THE TOP PORTION OF 2-BICH BY 4-BICH FRAME ASSEMBLED USING THE OWERLAP JUST SHOWN. THE TOP OF THE FRAME SHALL BY A LEAST 8 BICHEAP DUST SHOWN. THE TOP OF THE FRAME SHALL BY A SAFETY HAZARD TO TRAFFIC.

4. WIFE BELOW ADJUSCENT FOADS IF PONDED WATER WILL POSTS A SAFETY HAZARD TO TRAFFIC.

4. WIFE BELOW ADJUSCENT FOADS IF PONDED WATER WILL POST A SAFETY HAZARD TO TRAFFIC.

5. GEOTESTILE MATERIAL SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SEVE AND BE RESISTANT TO SURVINIT. IT SHALL BE STRETCHED TROTTLY AROUND THE FRAME AND FASTENED SECURELY. TO THE FRAME TO PROMITE TO AROUND THE FRAME TO 18 MONES BELOW THE WITLET NOTCH ELEVATION. THE CEDITALE SHALL OPERING SIZE OF SECONT FOR BICH SHALL OPERAD OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.

6. BROKFILL SHALL OFFICER AROOSS ONE SIZE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.

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6. BROKFILL SHALL OFFICER SHOW THE WITLET NOTCH ELEVATION. THE CEDITALE SHALL DEFINED SECONT THE BART POST.

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6. BROKFILL SHALL OFFICER SHOW THE WITLET NOTON ON ENDS AND TOP ELEVATION ON ENDS.

7. A COURACTED EARTH BOYE OF CHECK D

LAYERS UNTIL THE EARTH IS EVEN WITH HOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SDES. 7. A COMPACTED EARTH DINE OR CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE BILET IF THE BILET IS NOT IN A DEPRESSION. THE TOP OF THE DIRE SHALL BE AT LEAST 8—INCHES HIGHER THAN THE TOP OF THE FRAME.

Erosion and Sediment Notes Ingress—Foress
A stone access drive for Ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site. The stone shall be underlain by -textile fabric.

geo-textile fabric.

Silt. Fence
All silt fence shall be installed prior to any earthwark activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street. On sites where a perimeter of temporary seeding (or pre-existing vegetation) cannot be maintained due to limited space, a complete perimeter of silt fence shall be astablished.

Temporary Seeding/soil stabilization
Disturbed areas of the site that are to remain idle for more than twenty-one (21) days shall be seeded and straw mulched (or similar) within seven (7) days of completion of initial grading; this includes sail stockpiles. Temporary seeding and mulching of a thirty (30) foot strip of the entire front side and any other down-gradient side of the lot shall be maintained on the site once initial grading is complete.

Stabilization of critical areas within fifty (50) feet of any stream or welfand shall be complete within two (2) days of the disturbance if the site is to remain ind for longer than fourteen (14) days.

llowing completion of the construction octivities, and the contractor leaving the site, the site soils must be fully stabilized by temporary seeding and/or mulching (or other acceptable process).

Mulchina Idulching

Straw-mulch shall be applied at a rate of 1

ball per every ten (10) feet of curb, at a width of thirty (30) feet (or 1 ball/300 sq/ft). Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a property installed sitt fence.

1. SET FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS. 2. ALL SET FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SUMLES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SET FENCE ARE DISSIPATED ALONG ITS

I BNDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.

ARGUND THE ENDS.
4. SET FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE, IF VEGETATION IS RELIGIOUS, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTILLATION OF THE SILT FENCE.
7. THE SILT FENCE SHALL BE PLACED IN AH EXCAMPTED OR SILVED TRENCH CUIT A WARM OF 8 NOVIES DEEP, THE TRENCH SHALL BE MADE WITH A TRENCHE SHALL BE PLACED IN AH EXCAMPTED OR SILVED THE DEVICE THAT WALL ENSURE AN ADEQUATELY IMPROVE TRENCH DEPTH.
8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSHOPE SIDE OF THE GEOTEXTILE A MARKAL OF 8 NOVIES OF GEOTEXTILE MIST BE BELOW THE GROUND SURFACE EICESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6-INCH DEEP TRECK. THE TRENCH SHALL BE BACKFILED AND COMPACTED ON BOTH SIDES OF THE FABRIC.
9. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-INCH OVERLAP PRIOR TO DIVINING BITO THE FOR THE THE TOT OVERLAP PRIOR TO DIVINING BITO THE FOR THE THE TOT OVERLAP PRIOR TO DIVINING BITO THE FOR THE TOT OF THE FOR THE TOT OF THE FOR THE THE TOT OVERLAP PRIOR TO DIVINING BITO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO THE FOR THE TOT OF THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE FOR THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE TOT OVERLAP PRIOR TO DIVINING BITO TO THE TOT OVER T

DISTANCE WITCH SECTIONS OF SILT PENCE SHALL BE SPLEED TOUCHER WAY IN SECTION THE GETOTEXTILE. IF MUMOFF OVERTOPS THE SILT TOUMN/TENANCE—SILT FENCE SHALL ALLOW RUNGET TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GETOTEXTILE. IF MUMOFF OVERTOPS THE SILT FENCE, FLOWS UNDER THE FRACTICES AROUND THE FENCE ENDS OR IN ANY OTHER WAY ALLOWS A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PENFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE RISTALLED.

SEDMENT DEPOSITS SHALL BE ROUTINELY REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE NEIGHT OF THE SET FENCE.

SLT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SLT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SLT FENCE SHALL BE REPAIRED IMMEDIATELY.

CRITERIA FOR SILT FENCE MATERIALS

LFENCE POSTS-THE LENGTH SHALL BE A MARMAM OF 32 INCHES. WOOD POSTS WILL BE 2-8Y-2-R. MOMINAL DIMENSIONED HARDMOOD OF SOUND
OUALITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS, THAT WILL WEAKEN THE POSTS. THE MAXMAM SPACING
BETWEEN POSTS SHALL BE 10 FEET. POSTS SHALL BE DIVIEN A MARMAM 18 INCHES INTO THE GROUND, WHERE POSSIBLE IF HOT POSSIBLE, THE
POSTS SHALL BE ADEQUALD.Y. SECURED TO PREVENT OVERTURINING OF THE FENCE DUE TO SEDIMENT/MATER LOADING.

2. SELT FENCE FABRIC-SEE CHART

## TEMPORARY SEEDING

SEEDING DATES	SPECIES	th:/1,000 S.F.	1.8/PER ACRE
MATCH 1 - AUGUST 15	CAIS TAIL PESCLE ANNUAL RYEGRASS	3 1 1	128 (4 BUSHEL) 40 40
	PERENDIAL NYEGRASS TALL FESCUE ANNUAL NYEGRASS	7	40 40 46
	AMRUAL RYEDRASS PEREMIKAL RYEORASS CREEPING RED FESCUE KENTUCKY SLUEGRASS	1,25 3,25 0,4 0,4	55 142 17 17
	CATS TALL FEECUE ANNUAL RYEGRASS	3 1 1	128 (3 Bushell) 40 40
AUGUST 18 HOVEMBER	RYE TALL FESCUE ANNUAL RYEGRASS	3 1 1	112 (2 BUSHEL) 40 40
	WHEAT TALL FESCLE ADMIAL PYEURARS	3 1	120 (2 BL/SHEL) 40 40
	PERENNIAL RYEGRASS TALL FESCUE AHNUAL RYEGRASS	1	40 46 40
	AHRUAL RYEGRASS PEREMINAL RYEGRASS CHEEPING RED FESCUE HENTUCKY BLUEGRASS	1,28 3,25 0,4 0,4	40 40 40
HONEMBER 1 - FEB. 29	USE MILCH ONLY OR DORMANT SEEDING.		

1. STRUCTURAL EROSION AND SEDMENT CONTROL PRACTICES SUCH AS DIFFERONS AND SEDMENT TRAPS SMALL BY BISTALLED AND STABLED WITH TEMPORARY SEEDING PRICE TO GRADE THE REST OF THE CONSTRUCTION STE. 2. TEMPORARY SEED SHALL BY APPEND BETWEEN CONSTRUCTION OFFERTROSS ON SIX, THAT WILL MOT BY GRADED OF REMORDED FOR 21 DAYS OR GREATER, THESE DLE AREAS SHALL BY SEEDED WITHIN 7 DAYS AFTER DEMORDE

DATE OF GENERAL TRANSPORT OF PRIMERRIED AND LOOSE TO DISINE THE SEDEND SHOULD BE PRIMERRIED AND LOOSE TO DISINE THE SUCCESS OF ESTARISHMS MEETINGING TRANSPORTARY SEEDING SHOULD HOT BE POSTPORTO FEDENA SEEDING PREPARATION SEEDING FATES SHALL ASOL AMENDMENTS—TEMPORARY MEETATRON SEEDING RATES SHALL ESTABLISH AGEOLATE STANDS OF MEETATRON SEEDING RATES SHALL ESTABLISH AGEOLATE STANDS OF MEETATRON, MINCH MAY REQUIRE THE OF SOR AMENDMENTS, BASE RATES FOR LINE AND FORTILITER SHALL

GE USERNING METHOD—SEED SHALL BE APPLIED UNIFORMLY WITH A
CYCLOME SPREADER, DIRLL, CILL PRODUCE SEEDER, OR HIDDROSSEDER,
WHEN PEASBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVER
BY RAKING OR DIRAGOING AND THEN LIBITLY TAMPED NITO PLACE U
A ROLLER OR CILLIPACIONE F HYDROSSEDING IS USED, THE SEED A
FREFELER MILL BE MIND ON-STE AND THE SEEDING SHALL BE DO
RIMMEDIATELY AND WITHOUT BYTERWEPTICH.

MILCHIG TEMPORARY SETUNG.

1. APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MALCH, WHICH SHALL BE APPLED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING COMMING SEEDING DATES ON FAVORABLE, VERY FLAT SCILL CONDITIONS MAY NOT MEED MALCH TO ACHIEVE ADEQUATE STUDIED THE

-STRAW-F STRAW IS USED, IT SWALL BE UNROTHED SWALL-GRAIN STRAW APPLED AT A RATE OF 2 TONS PER ACRE OR 90 LBS\_/1,000 STRAW APPLED AT A MAIR OF 2 MINS PER MUSE, UN SU LAWAY LAWAY SAUFT, (PA-3 BALES)
-HYDROSEEDERS-W WOOD CELLULOSE FEBER IS USED, IT SHALL BE USED AT 8000 IES, for OR 16 IA, LOOS-SOLFT,
-OTHER-OTHER ACCEPTABLE MALDIS MICLIDE MACH MATTHOS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD

-OHER-OURS ACCEPTABLE BALENTS SECULABENDATIONS OR BOOD GHPS APPLED AT 8 TOWARC.

A STAN MAKEN SHALL BE ANDHORED BANEDIATELY TO LONGAIZE LOSS BY WHO OR MATER ARCHIMORED BANEDIATELY TO LONGAIZE LOSS BY WHO OR MATER ARCHIMORED BENEZO.

STAN MECHANICALLY ANDRORED SHALL HOT BE FRELLY CHOPPED BUT STRAIN RECOMMENT OF MACHINE WITO THE SOIL. STAN MECHANICALLY MAKENGER SHALL HOT BE FRELLY CHOPPED BUT LEFT TO A LINGHH OF APPROXIMATELY 8 MORES.

-MACH METHOM-NETTOR SHALL BE LISSD ACCORDING TO THE MAMPACTURERS RECOMMENDATIONS, RETTING MAY BE MECESSARY TO HAD MACHINE PROCESSARY TO HAD MACHINE PROCESSARY TO HAD MACHINE MAY BE CONSCIPLATED TRAVET AND ON CRITICAL SLOPES.

-MACHINE GHOURS-SHATHERE BRIDGES SUCH AS ACRIBE OLD CRITICAL SLOPES.

-MACHINE GHOURS-SHATHERE BRIDGES SUCH AS ACRIBE OLD CRITICAL SLOPES.

-MODD-GELLLOSE FREET-WOOD-GELLLIGSE FIBER BRIDGE SHALL BE APPLED AT A ART TOP WIT OF THE MAKENGERIER.

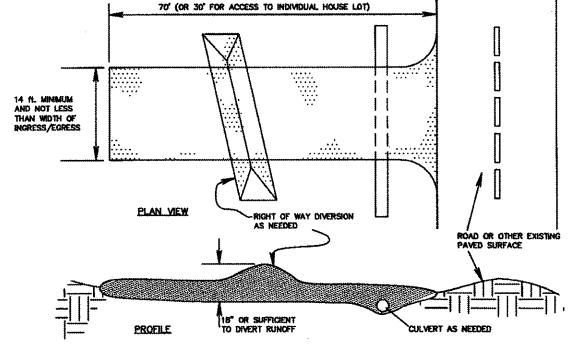
-MOOD-GELLLOSE FREET-WOOD-GELLLIGSE FIBER BRIDGE SHALL BE APPLED AT A ART TOP WIT OF THE MAKENGERIER.

A CONSTRUCTION EXPRONEZ IS A STANDARD PARK OF ADMINISTRATIVE OVER A GENERALE BASE AND IS USED TO REDUCE THE AMOUNT OF MUS TRACKED OFF—SITE WITH CONSTRUCTION SHAPEC.

WHERE CONSTRUCTION VEHICLES LEAVE ACTIVE CONSTRUCTION AREAS ONTO SURFACER WHERE RUMOT IS MOT CHECKED BY SEDIMENT CONTROLS.

WHENE PRESENT VEHILES AND EXAMENT WOMEN, FINESS IS DIPECTED SUCH AS AT THE AT THE ENTRANCE OF INDIVIDUAL BUILDING LOTIS:

THIS PRACECE SHOULD NOT BE RELIDO ON TO PROMOT THIS PRIOR CONSTRUCTION TRAFFIC. MOST MUD OF PLINK FROM THES BY WINGLES RECIDE SPEZIES INDICES THAN IS RECIDED ON THE. THE REST APPROACH TO PREVIOUS OFF-THE THYCKING IS TO KEEP VINCILES THAT PREDICIPED TO STATE AND CAME A STC, MINY FROM SHOOT ARKAS IN THE FRIST PLACE. VINCILES SHOULD BE RESTRUCTED TO STRIKELED ARKS TO THE CITEMAT PRACECUL, MAN OWNERS METER PREPARENT MORESSAFERINGS



## CONSTRUCTION ENTRANCE

## SPECIFICATIONS FOR CONSTRUCTION ENTRANCE:

- 1. STONE SIZE-COOT #2 (1.5-2.5 MCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
- 2. LENGHH--RE CONSTRUCTION ENTRANCE SHALL ME AS LONG AS MED MEAS SUT NOT LESS THAN 76 FT. (EXCEPT ON SHOLL RESIDENCE LI LENGTH APPLIES). NED TO STAN USE HIGH TRAFFIC
- 3. THROGESS---BIE STONE LAYER SHALL HE AT LEAST 6 IN. THICK FOR LIGHT OLITY DIRANCES OR AT LEAST 10 HONES FOR HEAVY BUTY USE.
- 4. WOTH-BE SIGNAME SHALL SE AT LEAST 14 PT, MINE, BUT NOT LESS THAN THE FIRE MOTH AT POINTS WHERE BUSINESS AND EXPRESS OCCURS.

		White militaria struct i
ed of Strong hot-free	F POLIMENC FINES AND	MEET THE FOLLOWING SPECS.
GEOTEXPLE SPECIFICATE	H FOR CONSTRUCTION D	WARE!
DESCRIPTION OF THE PARTY STATES		
MORNIN PLACEME SIN		
MALE EN STREET		<del></del>
		<del></del>
MANY PART THEM		
THE RESIDEN	235	
EDUNALENT OFFING SE		
ENGINEE WHEN	1 X 50-1 AKA	RE t

- [ PERMITHET 1 X 10-3 CM/MSC. ]

  6. Tarris The construction entrance shall be restalled as soon as is practicable before hadde grading activates.
- CALVENT—A PIPE ON CALVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF HEISED TO MEVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING CRECTED OUT ONTO PAVED SLRFACES.
- B. WHEN BAS—A WARE BUT SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF
  RETORD TO PRESENT SURFACE SHALL PRINCIP FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE
  AND OUT ONTO PAVED SURFACES.

  THOUGH THE ENTRANCE SHALL REMAIN IN PLACE LINES, THE CISTURES AREA IS STIMULED OR REPLACES
  AND OUT ONTO PAVED SURFACES.
- MAPPENIAGE—TOP SPESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND.
   MIG SPALED, ROPPED, MUSICED ON TRACKED CONTO PROBLE PROOFS, OR MAY SUFFRACE MEDIC.
   ROMOFF OR HOST CHECKED BY SECRAPHY CONTROLS, SHALL BE REMOVED IMPEDIATELY, REMOVAL SHALL BE ACCOMPLISHED BY SCRAPHING ON SWEEDPING.
  - 10. CONTRUCTION CITEMACES SHALL NOT SE RELED LIPON TO REMOVE MED FROM VEHICLES AND PRESENT OFF-STE TRACEING. VEHICLES THAT EVIEW AND LEAVE THE CONSTRUCTION—STE SHALL ME RESTRICTED

PLANNING CONSIDERATIONS:

OFF-SEE TRACESS. WHO FROM MUDDY AREAS.

CONDITIONS WHERE PRACTICE APPLIES

A CONSTRUCTION PATRICULAR SHOULD BE WEEK.

\* AT ALL POINTS OF EGRESS TO PUBLIC MONDS:

5425 WAPINER ROAD - SUITE 12 VALLEY VIEW, OHO 4425 SITE PLAN FOR B.R. KNEZ HORIZ SCALE VERT. SCALE: 440-602-9071 FAX 216-369-0259 CONSTRUCTION, INC. 1483 VILLA GRANDE DRIVE CL2-16-2012 BEING SUBLOT 2 IN THE DRAWN BY: DATE: VILLA GRANDE AT LAKE ERIE SHORES PLAT VOLUME 54, PAGE 4 SRL DRAIMING NO.: 20112513 P.P.#II-B-043-G-00-002-0 CHECKED BY: ENGINEERING + SURVEYING CL 1 3/12 REVISED DETAIL PG PAINESVILLE TOWNSHIP, COUNTY OF LAKE 2 OF 2 Civil Engineering + Land Surveying 20112513 STATE OF OHIO NO. DATE JOB NO.: DESCRIPTION BY